

Four Corners Air Quality Task Force  
Power Plants Work Group Conference Call  
February 14, 2007, 4 – 5 pm

**Participants:**

Mark Jones, NMED-AQB; Mike Farley, PNM; Dave Ruger, Honeywell; Mark McMillian, CDPHE; Carla Sonntag, NMUSA; Jack Schuenemeyer, Southwest Statistical Consulting; Don Anderson, Concerned Citizen; Scott Archer, BLM; Mike Lazaro, Argonne

\*note new call in info, Toll free 866-735-4954, access code: 1114067

**Purpose:**

Main purpose of this call is to follow-up on our options & drafting teams for Round 3 Future Power Plants Category that we began brainstorming at Feb 7, 2007 Durango Meeting

**Agenda:**

1. Brief Update from our last face-to-face meeting Feb 7, 2007 in Durango at Ft. Lewis College
2. Go over our updated TIMELINE & Tracking Table briefly
3. Work Plan Development for new EERE Options & Future Power Plant Options:
  - a. Develop/inventory brainstorm options.
  - b. Determine drafting teams, and drafting team leads.
  - c. Establish deadlines in keeping with Timeline handout.
4. Any Other stuff

**UPDATE from Feb 7, 2007 Mtg.**

In Durango, in the plenary session we had a panel with Stacey Simms, American Lung & Mike Eisenfeld, SJCA.

We started our work group breakout session meeting by going over the FAQ's concerning the Task Force. We have prepared a document listing FAQs with Answers and it is available on our website.

Then we inventoried our mitigation options we drafted from the last round. We got about 15 options written up for Energy Efficiency, Renewable Energy & Conservation. We then briefly reviewed a few of them and encouraged others to Review EERE section of Draft Task Force Report

As part of this we also brainstormed a few new options in this category

We then had a presentation by Bill Green on the Chemistry of Clean Coal & began brainstorming mitigation options for our FUTURE Power Plant Category.

**Go over our updated TIMELINE & TRACING TABLE briefly**

See these important docs

- Updated Timeline available on our 4CAQTF website, Work Group Timeline Feb 7, 2007 Update, [http://www.nmenv.state.nm.us/aqb/4C/Docs/WorkGroupTimeLine\\_020207Update.pdf](http://www.nmenv.state.nm.us/aqb/4C/Docs/WorkGroupTimeLine_020207Update.pdf)
- Go Over Power Plant Work Group Mitigation Option Tracking Table
  - New Mitigation Option Tracking table posted on Power Plant Work Group Page, [http://www.nmenv.state.nm.us/aqb/4C/Docs/PowerPlant\\_TrackingTable\\_013007.doc](http://www.nmenv.state.nm.us/aqb/4C/Docs/PowerPlant_TrackingTable_013007.doc), under 'Working Documents.'
  - Tracking table lists all mitigation options that have been brainstormed & status.
  - **"The Use and Credit of Energy Efficiency and Renewable Energy in the Environmental Permitting Process"**

- Since we have until March 16 to submit papers for this round, I was planning on actually circulating this paper to the Power Plant Work Group for review/comments.

### **Work Plan Development for new EEREC Options & Future Power Plant Options:**

#### **Energy Efficiency, Renewables & Conservation Options (EEREC) Options Round 2b Category**

1. The Use and Credit of Energy Efficiency and Renewable Energy in the Environmental Permitting Process

Drafting Team: Mark M.(lead)

Status: Completed & sent to Power Plant Work Group for Comment / Expansion

2. Smart Metering

Drafting Team: Maureen G. (lead), Marilyn Brown, Pat Sharpe

Status: Mark J to follow-up with Maureen

3. Develop/Implement Air Quality Standards for Locally Used Energy & Natural Gas Sources -akin to Standards CA developed for imported energy

-cross-over with Oil and Gas Work Group

Drafting Team: Don A.(lead), Marilyn B.

#### **Future Power Plants Rd 3 Category:**

1. Integrated Gasification Combined Cycles (IGCC) Technical (Mike Lazaro)

-American Electric Power (AEP) commercial operation of largest IGCC in 2010

Drafting Team: Mike L (lead), Dave R., Mike F., Jack S.

2. Integrated Gasification Combined Cycles (IGCC) Political w/incentives

-DOE funded IGCC study in Western States

-Energy growth projections for 2018 – 2020, electricity use increasing

-NETL, NEPA, funding proposals for IGCC, millions in capital incentives

-IGCC plants can provide significant generation sizes, 630 MW+ generation

Drafting Team: Mike L., Dave R., Mike F., Jack S.

3. Future Power Plant Carbon Capture and Storage Technologies

See FutureGen which includes IGCC w/CCS

Drafting Team: Dave R.(lead), Mike L., Mike F., Jack S.

4. Clean Coal Technology Local Outreach and Education

Drafting Team: Mark J., Bill G.

5. Transparent Process for EPA Clean Air Mercury Rule (CAMR) Development for 4 Corners Area Tribal Lands

Drafting Team: Don A. (lead), others (see Don's e-mail)

6. Nuclear Power Plants

7. Large Scale Renewables

[make sure you use the mitigation option outline when drafting mitigation options for the report]

#### **Any other Work Group Stuff**

Mark McMillian Gave a brief summary of Colorado's recently passed Mercury Rule!

CDPHE Clean Air Mercury Rule, As adopted by Colorado's Air Quality Control Commission:

<http://www.cdphe.state.co.us/ap/reg6/CAMRfinal.pdf>

See presentation on Rule here, <http://www.cdphe.state.co.us/ap/reg6/Merchearing.pdf>

Mark M has agreed to prepare a appendix to the 4CAQTF Power Plants Mercury Option Paper detailing Colorado's new Rule implementation

We also have an unwritten option calling for Mercury Studies in the 4C area (any one ready to follow this up?) Mark J to inventory work done thus far on Mercury and start an outline for this option. It will include a call for a 4C Mercury inventory & cumulative analysis. Grossman to be consulted on this one.

Work Group members interested in having a presentation on EPA 9 / Navajo Nation EPA CAMR for 4C area, follow-up with Wilson on possibility.

Mark J to follow-up with Andy B to check on status on NM CAMR process & application of rule, possibly could give a 1 pager at next meeting on status

### **Please Review the 4CAQTF Draft Task Force Report**

Draft Task Force Report Version 5 is available at

<http://www.nmenv.state.nm.us/aqb/4C/DraftTaskForceReport.html>

Deadline for Review to go into V.6, Fri April 13, 2007 Draft Task Force Report is March 16, 2007. Please see and follow REVIEW GUIDELINES:

[http://www.nmenv.state.nm.us/aqb/4C/Documents/Review\\_Guidelines\\_updated0806.pdf](http://www.nmenv.state.nm.us/aqb/4C/Documents/Review_Guidelines_updated0806.pdf)

**CD's available** – contact Mark J or Rita to get a CD with the latest version of the Report

Also Report has been separated into smaller individual category sections for Review purposes

### **Power Plants Section Intro/Summary**

In addition to our mitigation options, we will be adding a summary/ introduction section at the beginning of our Power Plants Section. We are developing an outline for it, and allow will allow input from Power Plant WG members.

### **ACTION ITEMS**

- Please send Draft Task Force Report review comments Expansion paragraphs / Disagreeing Opinions to work group coordinators. Deadline for inclusion of comments in this round is March 16 (Work Group members, ASAP)
- Link to Desert Rock EIS and continue to provide info on Desert Rock Energy Project permitting process to Power Plant Work Group (Power Plants WGC)
- Find out more info on Air Toxics Grant (Mark M, Mark J, ASAP)
- Mark J to update Power Plants Tracking Table with new options & distribute to Work Group
- Start outline for Mercury studies option & sketch outline for Mercury advisory committee option to go to work group, Koren, for input and expansion (Don A & Mark J)
- Mark M's **"The Use and Credit of Energy Efficiency and Renewable Energy in the Environmental Permitting Process"** to be distributed to Power plant work group for review & expansion for inclusion in Report V. 6. (Power Plants WGC, ASAP)
- Mark M to develop appendix to Clean Air Rule Implementations in 4C area with CO's recently adopted final Clean Air MERCURY Rule and submit, by March 16 (Mark M)
- See Work Plan Development for Mitigation Option Drafting teams, each drafting team leader is responsible for drafting and submitting draft option by March 16 for report version 6. Options obtained in advance of deadline will be reviewed by drafting teams in advance of going in report (Mike L, Don A., Maureen G., other Draft teams)

- Jen to be contacted on cross-over issues related to RD2b EEREC option3 **“Develop/Implement Air Quality Standards for Locally Used Energy & Natural Gas Sources”** (Power Plants WGC)

#### **Next**

- **Our next Conference Call will be Wed. March 14, 2007 @ 4:00 PM**
- Please send Draft Task Force Report review comments Expansion paragraphs / Disagreeing Opinions to work group coordinators. Deadline for inclusion of comments in this round is March 16
- Next face-to-face mtg. in Farmington on May. 9, 2007 at Marriott Convention Center from 1-6 PM.

#### **Misc Issues/Other Initiatives**

##### **-Follow-up Small-community scale Air Toxics EPA Grant**

##### **-Ft. Lewis College – Mountain Studies Institute – Mercury Advisory Committee**

-They are putting together a framework for a Mercury Advisory Committee & Mercury Monitoring program in the 4C area. Koren, their leader, is looking for input from the Task Force. And it may be that some of our task force members participate in the committee after our Report is finished. Let me know if you are interested in this. Link added at bottom of our PPWG page

- Don Anderson, Marilyn Brown both expressed interested in MAC

##### **-Desert Rock Energy Project Permitting Progress...include information on Power Plants Webpage on new EIS.**